

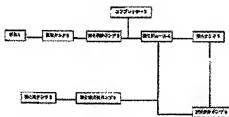
METHOD FOR WASHING MEMBRANE

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Abstract of JP2001079366

PROBLEM TO BE SOLVED: To surely prevent the damage of a membrane and to maintain high membrane filtration flow rate over a long period of time by backwashing the membrane while rocking the membrane by introducing gas to the raw water side of the membrane and similarly forcibly feeding the liquid containing sodium hypochlorite and the like or gas from the filtered liquid side. **SOLUTION:** The raw water 1 consisting of river surface running water, etc., is fed forcibly to a membrane module 4 by a raw water feed pump 3 from a circulation tank 2, and the filtered water obtained here is stored at a filtered water tank 5. At the time of backwashing of the membrane module 4, the filtered water in the filtered water tank 5 is fed forcibly to the membrane module 4 by a backwashing pump 6. At this time, the sodium hypochlorite aquatic solution stored in an oxidizing agent tank 8 is poured into the filtered water side of the membrane module 4 by an oxidizing agent feed pump 9. The air generated at a compressor 7 is fed simultaneously to the raw water side of the membrane module 4 to air-bubble the membrane module 4. In such a way, an adhered matter at the membrane module 4 is surely decomposed oxidatively and also peeled.



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